

LONG TERM PAVEMENT PERFORMANCE PROGRAM DIRECTIVE



For The Technical Direction Of The LTPP Program



Program Area:	General Operations	Directive Number:	GO-7
Date:	April 1, 1998	Supersedes:	n/a
Subject:	Maintenance, Checks and Calibration of LTPP Data Collection Equipment		

The collection of quality data is paramount to the success of the LTPP program. Towards this goal, maintenance, checks and calibration of equipment used in the collection of LTPP data have been an integral part of the program since the beginning. Most data collection guides address equipment maintenance, checks and calibration procedures. Extensive software have also been developed and/or implemented to help identify potential equipment problems and check calibration -- FWDAL, FWDREFCL, PROFAL, AWSScan, ONSITE, MOBILE, etc. Many directives have also been issued addressing specific maintenance, checks and calibration procedures for LTPP data collection equipment; e.g., FWD-8, FWD-15, P-10, SM-13, SM-19, SM-21, and AWS-4.

Because not all equipment is covered by existing protocols and/or directives, it is anticipated that additional directives may be issued in the future, as necessary. However, it is the responsibility of the Regional Coordination Office Contractors to maintain in good-working, calibrated condition, all equipment used in the collection of LTPP data. This includes such devices as the levels used for surface elevation surveys, pavement and air temperature probes used in conjunction with FWD testing (temperature holes) and profile surveys (ambient air temperature), voltmeters used in SMP monitoring, etc. Detailed maintenance, checking and/or calibration instructions are generally provided by the equipment manufacturer. If these instructions cannot be followed by the RCOCs, alternate procedures shall be proposed to the FHWA on a case-by- case basis.

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